

DEMOLITION ENGINEERING SURVEY CHECKLIST

PROJECT INFORMATION

Project Name	
Project Location	
Subcontractor Name	

DESCRIPTION OF STRUCTURE TO BE REMOVED

Location of Work on Project		
Name of Structure		
Date of Original Construction		
Original Function		
Work to be Performed		
Structural Frame Material		
Foundation Material		
Wall Materials		
Floor Materials/ Floor Loading Design - Pounds per Square Foot (psf)		
Equipment to be Deployed on Floors		
Length of Structure		
Width of Structure		
Height of Structure	Maximum =	Average =
Depth of Basement		
Stacks or Chimneys	YES	NO
Tanks or Vessels	YES	NO
Underground Tanks	YES	NO
Electrical Towers	YES	NO

SCOPE OF WORK

Roof Describe construction & materials	
Structural Frame Describe construction & materials	
Foundation Describe construction & materials	
Floors Describe construction & materials	
Basement Excavation Describe construction & materials	
Stacks or Chimneys Describe construction & materials	
Elevated Water Tanks Describe construction & materials & location	
Combustible Materials Describe construction & materials & location	
Tanks and Vessels Describe construction & materials & location	
Underground Tanks Describe construction & materials & location	
Transformers Describe construction & materials & location	
Electrical Towers Describe construction & materials & location	
Utility Disconnection / Relocation Describe utilities & action to be taken	
Other Significant Items Describe construction & materials & location	
Other Significant Items Describe construction & materials & location	
Other Significant Items Describe construction & materials & location	

METHODS TO BE IMPLEMENTED

Sequence for Environmental Remediation

1st Area Type and remediation methods	
2nd Area Type and remediation methods	
3rd Area Type and remediation methods	
4th Area Type and remediation methods	
5th Area Type and remediation methods	
6th Area Type and remediation methods	

Sequence for Structural Removal

1st Structure Type and removal methods	
2nd Structure Type and removal methods	
3rd Structure Type and removal methods	
4th Structure Type and removal methods	
5th Structure Type and removal methods	
6th Structure Type and removal methods	

KNOWN STRUCTURAL HAZARDS

Known Physical Damage	
Known Structural Failures	
Structural Alterations	
Fire Damage	
Unusual Structural Conditions	
Pre-stressed Concrete Locations	
Post Tensioned Concrete w/o Grouted Tendons	

Post Tensioned Concrete w/ Grouted Tendons	
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STRUCTURES TO BE PRESERVED (Describe structure, conditions and location)

Stacks and Chimneys	
Aerial Electrical Systems	
Electrical Conduits	
Transformers	
Underground Electrical Ducts	
Manholes	
Underground Vaults	
Underground Piping	
Underground Storage Tank	
Adjacent Structures	
Combustible Materials	
Oxygen Lines	
Natural Gas Lines	
Water Lines	
Telephone / Communication Lines	
Other Utilities	
Utilities to be Maintained Until Completion of Removal Work	

TEMPORARY STRUCTURAL MEASURES

Soil Retention Required	
Planned Measures to Prevent Failure	
Planned Shoring of Floors and Roof	
Planned Shoring or Bracing of Walls	

HAZARDOUS CONDITIONS
Comments

Combustible Materials	YES	NO	
Location			
Explosion Hazards	YES	NO	
Location			
Hazardous / Toxic Substances	YES	NO	
Location			
Radioactive Materials	YES	NO	
Location			
Oxygen Deficiency	YES	NO	
Location			
Toxic or Explosive Gases	YES	NO	
Location			
Lead Exposures	YES	NO	
Location			
Silica Exposures	YES	NO	
Location			
Asbestos Exposures	YES	NO	
Location			
Wall / Floor Openings	YES	NO	
Location			
Fall Hazards Created	YES	NO	
Location			
Process Piping & Tanks	YES	NO	
Location			
Energized Electrical Equip.	YES	NO	
Location			
Excavation & Trenches	YES	NO	
Location			
Confined Spaces	YES	NO	
Location			
OTHER:	YES		
Location			
OTHER:	YES		
Location			

ADDITIONAL COMMENTS

Form Completed By:	Date:
Signature:	

Department: _____ **Ext:** _____ **Email:** _____